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Oregon DEQ

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Environmental Cleanup Site Information (ECSI) Database Site Summary Report - Details for Site ID 1989

This report shows data entered as of July 28, 2006 at 2:44:22 PM

This report contains site details, organized into the following sections: 1) Site Photos (appears only if the site has photos); 2) General Site Information; 3) Site Characteristics; 4) Substance Contamination Information; 5) Investigative, Remedial and Administrative Actions; and 6) Site Environmental Controls (i.e., institutional or engineering controls; appears only if DEQ has applied one or more such controls to the site). A key to certain acronyms and terms used in the report appears at the bottom of the page.

Go to DEQ's Facility Profiler to see a site map as well as information on what other DEQ programs may be active at this site.

General Site Information

Site ID: 1989	Site Name: Time Oil Linnton Terminal	CERCLIS No:
Address:	9400 NW St. Helens RD Portland 97210	
	County: Multnomah	Region: Northwest
Other location information:		
Investigation Status:	Suspect site requiring further investigation	
	Brownfield Site: No	NPL Site: No
		Orphan Site: No
		Study Area: No
Property:	Twtnshp/Range/Sect: 1N, 1W, 11	Tax Lots:
	Latitude: 45.5888 deg.	Longitude: -122.7731 deg.
		Site Size: 9 acres
Other Site Names:	Portland Terminals Portland Harbor Sediment Study	

Site Characteristics

General Site
Description:
Site History:
Contamination
Information:

In September 1988, approximately 1,000 gal. of gasoline spilled from an overfilled above-ground storage tank. Most product remained within the diked area around the tank farm, but penetrated into the ground. Some soil removal occurred, and Time Oil installed monitoring wells outside of the diked area in 1989. Another gasoline release occurred in July 1992, this time 250 gal., also within the containment area. Following soil removal, a boring to a depth of 16 feet showed gasoline concentrations in subsurface soil at up to 9,000 ppm. Groundwater monitoring in 1994 and 1995 showed BTEX levels declining with time, as well as TPH in the gasoline/diesel range. (GMW 6/5/97) Recent groundwater monitoring data show BTEX at non-detect levels, or at levels below MCLs in all wells. Additionally, based on non-detect BTEX and TPH results from vapor samples extracted from this spill area between 3/97 and 5/97, it appears that residual soil contamination may not be significant. Further soil sampling would be needed to confirm this. (11/18/99 TG/SAP)

USEPA SF



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Weston sampling results from the Portland Harbor Sediment Study revealed thallium, PAHs, and butylbenzylphthalate in river sediments.

Manner and Time of Release:

Hazardous Substances/Waste Types: Gasoline and other petroleum hydrocarbons, including BTEX on-site. In adjacent Willamette River sediments: thallium, butylbenzylphthalate, and PAHs.

Pathways: The primary pathway of concern is the interconnection between the water table aquifer at the site and the Willamette River. Shallow groundwater flows towards the Willamette, and any contamination in shallow groundwater will therefore migrate towards the river. Groundwater is not used for domestic supply in the lowlands along the Willamette River in this area.

Environmental/Health Threats:

Status of Investigative or Remedial Action: Following the 9/88 gasoline release, 175 yards of soil were removed from the floor of the containment area, then aerated and disposed of on-site. The 7/92 release resulted in the excavation of 125 additional yards of soil, which were also aerated and spread on-site. Because soil contamination remained from these incidents, Time Oil treated residual hydrocarbons in-situ via soil vapor extraction (SVE) in 1993, and again between March and May 1997. Time Oil shut the SVE system down in May 1997 because extracted vapor contained very low concentrations of hydrocarbons, suggesting that residual soil contamination in the 1992 spill area was insignificant. (11/18/99 TG/SAP) A Preliminary Assessment should be conducted to evaluate potential upland site contaminant sources and past waste-management practices. Medium priority for follow-up.

Data Sources: Reports of gasoline spills on 9/13/88 and 7/30/92; 1994-97 groundwater monitoring reports; Corrective Action Plan for site, prepared by Alisto Engineering Group, 8/24/96; Portland Harbor Sediment Investigation Report, prepared by Roy F. Weston, Inc. for USEPA, May 1988; Time Oil Company's response to DEQ Site Assessment Information Request, March 20, 1999; DEQ LUST Database; DEQ HWIMSy Hazardous Waste Generator Database; DEQ SPILL Database; MetroScan Property Records, Multnomah County, Oregon.

Substance Contamination Information

Substance	Media Contaminated	Concentration Level	Date Recorded
BENZENE	Groundwater	3.6 ppb	6/27/1995
BENZENE	Groundwater	120 ppb	8/15/1993
BENZENE	Groundwater	0.96 ppb	4/30/1997
BENZENE	Soil	2.4 ppm	8/15/1993
BUTYL BENZYL PHTHALATE	Sediment	29 ppb	9/1/1999
ETHYLBENZENE	Groundwater	6.6 ppb	6/27/1995
ETHYLBENZENE	Groundwater	0.17 ppb	4/30/1997
GASOLINE	Groundwater	460 ppb	8/15/1993
GASOLINE	Groundwater	150 ppb	6/27/1995
GASOLINE	Soil	9,000 ppm	8/15/1993
POLYAROMATIC HYDROCARBONS (PAH)	Sediment	LPAHs - 803 ppb	9/1/1997
POLYAROMATIC HYDROCARBONS (PAH)	Sediment	HPAHs - 3907 ppb	9/1/1997
THALLIUM	Sediment	20 ppm - dock	9/1/1997

TOLUENE	Groundwater	0.23 ppb	4/30/1997
XYLENES	Groundwater	81 ppb	4/30/1997

Investigative, Remedial and Administrative Actions

Action	Start Date	Compl. Date	Resp. Staff	Lead Pgm
Site added to database	01/14/1997	01/14/1997	Gil Wistar	SAS
SITE EVALUATION	01/14/1997	01/15/1997	Gil Wistar	SAS
Proposal for Confirmed Release List recommended	01/15/1997	01/15/1997	Gil Wistar	SAS
Remedial Action recommended (RA)	01/15/1997	01/15/1997	Gil Wistar	SAS
Facility proposed for Confirmed Release List	02/13/1997	02/13/1997	Kim Van Patten	SAS
Owner/operator comments received on listing notification	05/13/1997	05/13/1997	Kim Van Patten	SAS
Review for final listing	06/03/1997	06/06/1997	Gil Wistar	SAS
Decision Not to List Site (on the CRL or Inventory)	06/06/1997	06/23/1997	Gil Wistar	SAS
Other remedial or investigative action recommended	06/06/1997	06/23/1997	Gil Wistar	SAS
State Basic Preliminary Assessment recommended (PA) (Primary Action)	11/18/1999	11/18/1999	Tom Gainer	SAS

Key to certain acronyms and terms in this report:

CERCLIS No.: The U.S. EPA's Hazardous Waste Site identification number, shown only if EPA has been involved at the site.

Region: DEQ divides the state into three regions, Eastern, Northwest, and Western; the regional office shown is responsible for site investigation/cleanup.

NPL Site: Is this site on EPA's National Priority List (i.e., a federal Superfund site)? (Y/N).

Orphan Site: Has DEQ's Orphan Program been active at this site? (Y/N). The Orphan Program uses state funds to clean up high-priority sites where owners and operators responsible for the contamination are absent, or are unable or unwilling to use their own resources for cleanup.

Study Area: Is this site a Study Area? (Y/N). Study Areas are groupings of individual ECSI sites that may be contributing to a larger, area-wide problem. ECSI assigns unique Site ID numbers to both individual sites and to Study Areas.

Pathways: A description of human or environmental resources that site contamination could affect.

Lead Pgm: This column refers to the Cleanup Program affiliation of the DEQ employee responsible for the action shown. SAS or SAP = Site Assessment; VCS or VCP = Voluntary Cleanup; ICP = Independent Cleanup; SRS or SRP = Site Response (enforcement cleanup); ORP = Orphan Program.

You may be able to obtain more information about this site by contacting Tom Gainer at (503) 229-5326 or via email at gainer.tom@deq.state.or.us. If this does not work, you may contact Gil Wistar at (503) 229-5512, or via email at wistar.gil@deq.state.or.us or contact the Northwest regional office.

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